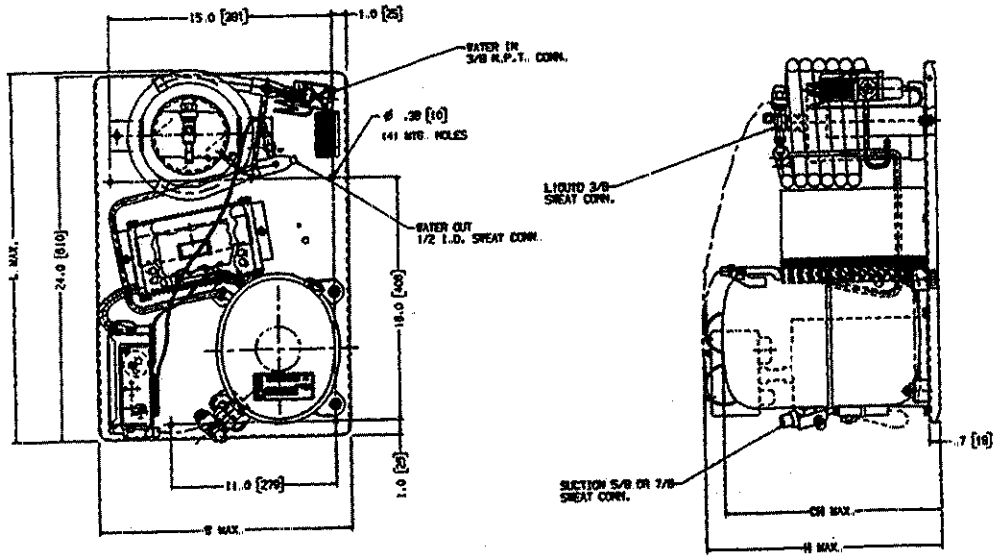
AHA2466AXDXW

TECUMSEH HERMETIC CONDENSING UNITS

March 10, 2000

Revision 2003

MODEL AHA2466AXDXW (B/M 2B3229-49) R-12 1 1/2 HP WATER COOLED



NOTE DIMENSIONS = INCHES (MILLIMETERS)

Model	Dimensions				*Line Connection		Pumpdown 90° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AHA2466AXDXW	24.9	17.0	15.7	15.6	7/8 S	3/8 S	5.3#	---	45	129

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare Or Solder Connections

Factory charge: 20 psig nitrogen - **MUST BE EVACUATED**

Use 3/8" Min Pipe Size

Water Valve Inlet 3/8" NPT

Performance: Ambient 90° F-Return Gas 65° F-Condenser Water In 75° F-Head 125 psig

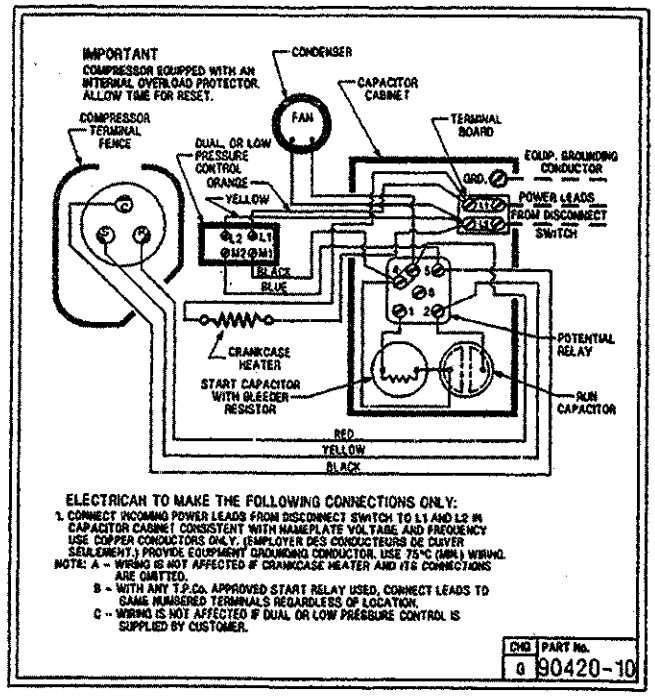
Evaporator Temp, °F	-40	-30	-20	-10	+10
BTU/HR	2000	3600	5400	7300	12200
Water Usage – gpm	.21	.33	.65	.89	2.1
Watts	900	1150	1450	1800	2350

The water valve should be adjusted to maintain a maximum of 95° F water outlet temperature in order to minimize water scaling within the condenser.

Date: January 2003
Unit Catalog Update

SPECIFICATIONS	**AHA2466AXDXW**
Nominal Voltage	230/208-1
Unit B/M	2B3229-49
Voltage Range	253 to 187
Min Circuit Ampacity	12.4
Max Fuse Size (Amps)	20
Compressor Model	AHA2466AXD
Comp. Bill of Material	AH500EF-505
RLA/LRA	9.7/71.0
ESP Overload	Internal
ESP Relay	P82961
Capacitor Cabinet	AE1197-005
Start Capacitor	85PS250B51
Rating	196-236MFD/25V
Run Capacitor	85PR370E35
Rating	20MFD/370V

Control	84056-2 (Dual)
Fan Motor (OEM)	810M009B47
Fan RLA	.27RLA
Replacement Motor	TFM92
Fan Motor Bracket	57155
Fan Blade	51559-2
Guard/Grill	71085 & 70830-1 (Grill)
Condenser	50812-1
Receiver Tank	51081
Receiver Tank Valve	31555-1 (3/8"S) RL
Suction Rotolock	31529-1 (7/8"S RL)
O' Ring Gasket	30334
Base/Shut Off Valve	56516 (3/8"TD)WRV
Unit Drawing	SU1894-175
Schematic or Elect. Drawing	90420-10


IMPORTANT
COMPRESSOR EQUIPPED WITH AN INTERNAL OVERLOAD PROTECTOR. ALLOW TIME FOR RESET.
CONDENSER
FAN
CAPACITOR CABINET
TERMINAL BOARD
COMPRESSOR TERMINAL FENCE
DUAL OR LOW PRESSURE CONTROL
ORANGE
YELLOW
EQUIP. GROUNDING CONDUCTOR
GRD.
POWER LEADS FROM DISCONNECT SWITCH
L2
L1
BLACK
BLUE
CRANKCASE HEATER
START CAPACITOR WITH BLEEDER RESISTOR
POTENTIAL RELAY
RUN CAPACITOR
RED
YELLOW
BLACK
ELECTRICIAN TO MAKE THE FOLLOWING CONNECTIONS ONLY:
1. CONNECT INCOMING POWER LEADS FROM DISCONNECT SWITCH TO L1 AND L2 IN CAPACITOR CABINET CONSISTENT WITH NAMEPLATE VOLTAGE AND FREQUENCY. USE COPPER CONDUCTORS ONLY. (EMPLOYER DES CONDUCTEURS DE CUIVER SEULEMENT.) PROVIDE EQUIPMENT GROUNDING CONDUCTOR. USE 75°C (MIN.) WIRING.
NOTE: A - WIRING IS NOT AFFECTED IF CRANKCASE HEATER AND ITS CONNECTIONS ARE OMITTED.
B - WITH ANY T.P.Co. APPROVED START RELAY USED, CONNECT LEADS TO SAME NUMBERED TERMINALS REGARDLESS OF LOCATION.
C - WIRING IS NOT AFFECTED IF DUAL OR LOW PRESSURE CONTROL IS SUPPLIED BY CUSTOMER.
CHG
PART No.
G
90420-10

Some parts listed may be optional or listed as replacement parts.